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1 Stratified gas-liquid two-phase electrohydrodynamics in horizontal pipe flow
Chang, J.-S.;

Industry Applications, IEEE Transactions on , Volume: 25 , Issue: 2 , March-Apr 1989

Pages: 241 - 247

[\[Abstract\]](#) [\[PDF Full-Text \(376 KB\)\]](#) **IEEE JNL**
2 Modelling of EHD gas-liquid two-phase pipe flow
Jen-Shih Chang;

Conduction and Breakdown in Dielectric Liquids, 1996, ICDL '96., 12th International Conference on , 15-19 July 1996

Pages: 468 - 471

[\[Abstract\]](#) [\[PDF Full-Text \(268 KB\)\]](#) **IEEE CNF**
3 Measurement of multiple velocities in multiphase flow
Albusaidi, K.H.; Lucas, G.;

Advances in Sensors for Fluid Flow Measurement, IEE Colloquium on , 18 Apr 1996

Pages: 12/1 - 12/4

[\[Abstract\]](#) [\[PDF Full-Text \(192 KB\)\]](#) **IEE CNF**
4 A 2-kW COIL with a square pipe-array JSOG and nitrogen buffer gas
Benjie Fang; Fang Chen; Yuelong Zhang; Fengting Sang; Yuqi Jin; Zengqiang Wang; Qingwei Li;

Quantum Electronics, IEEE Journal of , Volume: 39 , Issue: 12 , Dec. 2003

Pages: 1619 - 1624

[\[Abstract\]](#) [\[PDF Full-Text \(519 KB\)\]](#) **IEEE JNL**
5 Charge convected in highly turbulent flows. Experiments in a tanker

unl ading*Touchard, G.; Watanabe, S.; Marcano, L.;*

Dielectrics and Electrical Insulation, IEEE Transactions on [see also Electrical Insulation, IEEE Transactions on] , Volume: 1 , Issue: 1 , Feb. 1994

Pages:53 - 57

[\[Abstract\]](#) [\[PDF Full-Text \(260 KB\)\]](#) IEEE JNL**6 Real-time ultrasound process tomography in pipelines***Hoyle, B.S.;*

Ultrasound in the Process Industry, IEE Colloquium on , 23 Sep 1993

Pages:4/1 - 4/4

[\[Abstract\]](#) [\[PDF Full-Text \(204 KB\)\]](#) IEE CNF**7 Ultrasound tomography system used for monitoring bubbly gas/liqu two-phase flow***Li-Jun Xu; Ling-An Xu;*

Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on , Volu 44 , Issue: 1 , Jan. 1997

Pages:67 - 76

[\[Abstract\]](#) [\[PDF Full-Text \(1020 KB\)\]](#) IEEE JNL**8 High resolution processing techniques for ultrasound Doppler velocimetry in the presence of colored noise. II. Multiplephase pipe-fl velocity measurement***Kouame, D.; Girault, J.-M.; Remenieras, J.-P.; Chemla, J.-P.; Lethiecq, M.;*

Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on , Volu 50 , Issue: 3 , March 2003

Pages:267 - 278

[\[Abstract\]](#) [\[PDF Full-Text \(800 KB\)\]](#) IEEE JNL**9 Study of refrigerated mechanism of evaporative of air-water annular two-phase flow in a small vertical tube***Wang Jing; YI Jie;*

Thermal and Thermomechanical Phenomena in Electronic Systems, 2004. ITHE '04. The Ninth Intersociety Conference on , 1-4 June 2004

Pages:251 - 258 Vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(532 KB\)\]](#) IEEE CNF**10 Optimization of a conductance probe with vertical multi-electrode a for the measurement of oil-water two-phase flow***Ning-De Jin; Jun Wang; Li-Jun Xu;*

Machine Learning and Cybernetics, 2003 International Conference on , Volume 2 , 2-5 Nov. 2003

Pages:899 - 905 Vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(486 KB\)\]](#) IEEE CNF**11 Detect r system f r m nitoring fissile mass fl w in liquids and gas***Paulus, M.J.; Uckan, T.; Lenarduzzi, R.; March-Leuba, J.; Castleberry, K.; Mattingly, J.K.; Mihalcz, J.T.; Mullens, J.A.; Valentine, T.E.; McEvers, J.A.;*

Nuclear Science Symposium, 1997. IEEE , 9-15 Nov. 1997

Pages:197 - 200 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(452 KB\)\]](#) IEEE CNF

12 Gas dissolved in the depth of natural reservoirs as a renewable energy source: the theory of self-sustained gaslift

Blekhman, I.I.; Kremer, E.B.; Yakimova, K.S.;

Energy Conversion Engineering Conference, 1997. IECEC-97. Proceedings of the 32nd Intersociety, Volume: 3, 27 July-1 Aug. 1997

Pages:1846 - 1848 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(200 KB\)\]](#) IEEE CNF

13 Intensification of heat transfer at laminar stabilized flow of vapour-droplets in a tube

Terekhov, V.I.; Chichindaev, A.V.; Pakhomov, M.A.;

Science and Technology, 1999. KORUS '99. Proceedings. The Third Russian-Korean International Symposium on, Volume: 1, 22-25 June 1999

Pages:70 - 73 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(276 KB\)\]](#) IEEE CNF

14 Innovative technologies for Faraday shield cooling

Rosenfeld, J.H.; Lindemuth, J.E.; North, M.T.; Goulding, R.H.;

Fusion Engineering, 1995. SOFE '95. 'Seeking a New Energy Era', 16th IEEE/Nuclear Science Symposium, Volume: 2, 30 Sept.-5 Oct. 1995

Pages:972 - 975 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(348 KB\)\]](#) IEEE CNF

15 Electrical potentials appearing during the unloading of a LNG boat

Touchard, G.; Humeau, P.; Gaillard, L.; Marcano, L.; Watanabe, S.;

Conduction and Breakdown in Dielectric Liquids, 1990. ICDL 1990. Conference Record., 10th International Conference on, 10-14 Sept. 1990

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File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020178805

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020178805 A1

TITLE: Method and apparatus for downhole fluid characterization using flexural mechanical resonators

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
DiFoggio, Rocco	Houston	TX	US	
Walkow, Arnold	Houston	TX	US	
Bergren, Paul	Houston	TX	US	

US-CL-CURRENT: 73/152.55; 73/152.58

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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File: PGPB

Jun 27, 2002

PGPUB-DOCUMENT-NUMBER: 20020082815

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020082815 A1

TITLE: Method for forming an optimized neural network module intended to simulate the flow mode of a multiphase fluid stream

PUBLICATION-DATE: June 27, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rey-Fabret, Isabelle	Versailles		FR	
Duret, Emmanuel	Rueil Malmaison		FR	
Heintze, Eric	Meudon		FR	
Henriot, Veronique	Rueil Malmaison		FR	

US-CL-CURRENT: 703/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 3. Document ID: US 20020038156 A1

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File: PGPB

Mar 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020038156

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020038156 A1

TITLE: Root cause diagnostics

PUBLICATION-DATE: March 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Eryurek, Evren	Minneapolis	MN	US	
Kavaklioglu, Kadir	Edina	MN	US	

US-CL-CURRENT: 700/29

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 4. Document ID: US 20020029883 A1

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File: PGPB

Mar 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020029883

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020029883 A1

TITLE: System and method for fluid flow optimization

PUBLICATION-DATE: March 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Vinegar, Harold J.	Houston	TX	US	
Burnett, Robert Rex	Katy	TX	US	
Savage, William Mountjoy	Houston	TX	US	
Carl, Frederick Gordon JR.	Houston	TX	US	

US-CL-CURRENT: 166/250.15; 166/250.03, 166/372, 166/53

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 5. Document ID: US 6758277 B2

L5: Entry 5 of 10

File: USPT

Jul 6, 2004

US-PAT-NO: 6758277

DOCUMENT-IDENTIFIER: US 6758277 B2

TITLE: System and method for fluid flow optimization

DATE-ISSUED: July 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vinegar; Harold J.	Houston	TX		
Burnett; Robert Rex	Katy	TX		
Savage; William Mountjoy	Houston	TX		
Carl, Jr.; Frederick Gordon	Houston	TX		

US-CL-CURRENT: 166/372; 166/250.03, 166/250.15

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 6. Document ID: US 6654697 B1

L5: Entry 6 of 10

File: USPT

Nov 25, 2003

US-PAT-NO: 6654697

DOCUMENT-IDENTIFIER: US 6654697 B1

TITLE: Flow measurement with diagnostics

DATE-ISSUED: November 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Eryurek; Evren	Minneapolis	MN		
Kavaklioglu; Kadir	Edina	MN		

US-CL-CURRENT: 702/47; 702/100, 73/1.35, 73/1.57

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 7. Document ID: US 5792962 A

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File: USPT

Aug 11, 1998

US-PAT-NO: 5792962

DOCUMENT-IDENTIFIER: US 5792962 A

TITLE: Device and method for measuring velocity profiles in a multiphase fluid

DATE-ISSUED: August 11, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Constant; Michel	Saint Denis			FR
Reminieras; Jean-Pierre	Tours			FR

US-CL-CURRENT: 73/861.04; 73/861

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 8. Document ID: US 5741980 A

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File: USPT

Apr 21, 1998

US-PAT-NO: 5741980

DOCUMENT-IDENTIFIER: US 5741980 A

TITLE: Flow analysis system and method

DATE-ISSUED: April 21, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hill; Wayne S.	Westborough	MA		
Barck; Bruce N.	Franklin	MA		

US-CL-CURRENT: 73/861.04

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 9. Document ID: US 5714691 A

L5: Entry 9 of 10

File: USPT

Feb 3, 1998

US-PAT-NO: 5714691

DOCUMENT-IDENTIFIER: US 5714691 A

TITLE: Method and system for analyzing a two phase flow

DATE-ISSUED: February 3, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hill; Wayne S.	Westborough	MA		

US-CL-CURRENT: 73/861.04

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 10. Document ID: US 5600073 A

L5: Entry 10 of 10

File: USPT

Feb 4, 1997

US-PAT-NO: 5600073

DOCUMENT-IDENTIFIER: US 5600073 A

TITLE: Method and system for analyzing a two phase flow

DATE-ISSUED: February 4, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hill; Wayne S.	Westborough	MA		

US-CL-CURRENT: 73/861.04; 73/30.03

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Ds
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